

**Abstract**

**Method, device, computer-readable storage medium and computer program element for monitoring of a manufacturing process**

In the case of a method for monitoring of a manufacturing process of a plurality of physical objects, several rules which relate to at least one status of at least one of the plurality of physical objects are stored. Furthermore, in the case of the method, a sample is selected from the plurality of physical objects by using the several rules, with physical objects of the sample being marked in such a way that they can be subjected to a measurement, the rules being formed on the basis of the criterion that the number of measurements is reduced and redundant measurements are avoided, and it being possible in the case of the method for the several rules to be combined with one another and checked against one another.